

# Joshua Hurt

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## EDUCATION

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**San Jacinto College**, Pasadena, TX

*August 2012 - January 2014*

**Associate of Science in Mathematics** - Dean's list

**The University of Texas at Austin**, Austin, TX

*August 2014 - December 2016*

**Bachelor of Science in Computer Science**

**GPA: 3.33**

- Relevant Courses: Data Structures; Discrete Mathematics; Differential Equations;
- Relevant Current Courses: Computer Architecture and Organization; Statistics and Probability; Number Theory

## PROJECTS

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**Snake Solver (Game Jam - Python)**

- Snake but you have to solve an equation to advance levels
- <https://github.com/CamelBackNotation/gamejam>

**Android Wear App - StockFeed (HackTX team - Java)**

- Developed back-end using Bloomberg API to provide info on cryptocurrency and stock price

**URL Text and Image Fetcher (Individual Project - Python)**

- Downloads all images and text from a URL into a specified directory

## TECHNICAL SKILLS

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- **Languages:** Proficient in Java, Python; Experience in C, C++, HTML, Javascript
- **Operating Systems:** Linux, Windows

## EXPERIENCE

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**NASA MSFC**

*January 2014 - May 2014*

**Intern for the Deputy Center Chief Technologist**

- Helped integrate Nanolaunch RCS code into pub/sub framework on BeagleBone Black (C++)
- Compiled significant hardware to be put on display
- Gained experience in Python, C++, CAD

## COMMUNITY INVOLVEMENT/LEADERSHIP

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## **Math and Engineering Club**

- Club to promote interest in higher mathematics with a focus on applicable skills
- President for one year – in charge of large event planning and day-to-day decisions

## **Terry Scholar Student Association**

- Scholarship organization promoting leadership and service in the community

## **National Community College Aerospace Scholars Program**

- Competition awarding students the opportunity to meet NASA engineers and scientists
- Led student team in programming LEGO NXT Mars rover for competition (Java)

## **HONORS AND AWARDS**

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- Terry Foundation Transfer Scholarship
  - One of fourteen recipients for 2014
- National Science Foundation STEP-UP Scholarship
- T-STEM Scholarship